

## CLAIM OR CLAIMS

### WHAT IS CLAIMED IS:

1. A method of indicating and manipulating a zoom region within a long data  
5 record comprising:

displaying the long data record as a displayed waveform;

in response to zoom data which defines a location and scale for the zoom  
region, displaying a zoom region indicator representing the zoom region with the  
displayed waveform, the zoom region indicator having an associated marker

10 which spans the zoom region and has at least a minimum length;

displaying a portion of the displayed waveform defined by the zoom  
region as a zoomed waveform; and

manipulating the zoom region by moving the associated marker with a  
pointer device to display other portions of the displayed waveform as the  
15 zoomed waveform.

2. The method as recited in claim 1 wherein the zoomed waveform displaying  
step comprises displaying the zoomed waveform in a different color from one  
used to display the displayed waveform with the zoom region indicator also  
20 being displayed in the different color.